BRUHAT BANGALORE MAHANAGARA PALLIKE , YELAHANKA ZONE BANGALORE

Comparative Statement

Name of Work: Modified Estimate for Improvements of Drains and Construction of Culverts in Hegadenagara Eastren 2nd Main and Both side Cross Road in Ward No. 06 Byatarayanapura Sub Division

Sl No	Description	Unit	As per Sanctioned Estimate			As per Approved SOH-B Qnatity			As per Actual Tender Rate And Quantity			Up to 125% Tender Qantity			Above 125% Tender Quntity			As per Actual Total Amount	Extra	Savenings	Remarks
			Qty	Rate	Amount	Qty	Rate	Amount	Qty	Rate	Amount	Qty	Rate	Amount	Qty	Rate	Amount				
1	KSRB 300-1 Earth work excavation by manual means in Hard Soil soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications complete as per specifications MORTH chapter 3. No. 141/ Item No. 19.1/ PWD SR 2016-17	cum	121.80	86.92	10588.86	121.80	86.92	10586.86	59.08	86.92	5135.23	59.08	86.92	5135.23	0.00	86.92	0.00	5135.23		5451.62	
2	KSRB 300-1 Earth work excavation by manual means in Hard Soil soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications complete as per specifications MORTH chapter 3. No. 141/ Item No. 19.2/ PWD SR 2015-16	Cum	288.33	86.92	25061.64	288.33	86.92	25061.64	294.63	86.92	25609.24	294.63	86.92	25609.24	0.00	86.92	0.00	25609.24	547.60		
3	Removing B.S Slab of Drain and stacking Page No. 25/ Item No. 5.32/ PWD SR 2016-17	Sqm	1148.40	65.72	75472.85	1148.40	65.72	75472.85	557.04	65.72	36608.67	557.04	65.72	36608.67	0.00	65.72	0.00	36608.67		38864.18	
4	Refixing stone slabs of drains and pointing in C.M (1:3) Page No. 25/ Item No. 5.33/ PWD SR 2016-17	Sqm	1148.40	80.56	92515.10	1148.40	80.56	92515.10	557.04	80.56	44875.14	557.04	80.56	44875.14	0.00	80.56	0.00	44875.14		47639.96	
5	Providing granite slabs of selected quality roughly dressed and fixed in cement mortar(1:6) including fixing curing etc, complete -do- 7.5 cms thick Page No. 28/ Item No. 5.31.1/ PWD SR 2016-17	Sqm	287.10	665.68	191116.73	287.10	665.68	191116.73	139.00	665.68	92529.52	139.00	665.68	92529.52	0.00	665.68	0.00	92529.52		98587.21	
6	KSRB-4-1.3 Providing and laying in position plain cement concrete of mix M 1:4:8 withOPC cement at 180kgs, with 40mm and down size graded granite metal coarse aggregates @0.892cum and fine aggregates @0.57cum machine mixed, concrete laid in layers not exceeding 15cms, thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1.4.2, No. 12/ Item No. 4.3/ PWD SR 2016-17	Cum	52.17	5159.02	269146.07	52.17	5159.02	269146.07	67.02	5159.02	345757.52	65.21	5159.02	336419.69	1.81	5159.02	9337.83	345757.52	76611.45		
7	KSRB 5.2.3 Providing and constructing granite / trap / basalt Size stone masonry in foundation with cement mortar 1:6, stone hammerd dressed in courses not less than 20 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications.KBS 5.1.13 Page No. 23/ Item No. 5.6/ PWD SR 2016-17	cum	56.16	4438.22	249250.44	56.16	4438.22	249250.44	56.16	4438.22	249250.44	56.16	4438.22	249250.44	0.00	4438.22	0.00	249250.44	0.00	0.00	
8	KSRB 5.3-3 Providing and constructing granite / trap / basalt size stone masonry in basement with cement mortar 1:6, edges of stones chistle dressed in courses not less than 15 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications.KBS 5-1.13 Page No. 23/ Item No. 5.9/ PWD SR 2016-17	Sqm	46.80	5305.30	248288.04	46.80	5305.30	248288.04	46.80	5305.30	248288.04	46.80	5305.30	248288.04	0.00	5305.30	0.00	248288.04	0.00	0.00	
9	KSRB 4-6.7 Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for sides and soffits of beams, beam haunchings, cantilever girders, bressumers and lintels not exceeding 1 m in depth including cost of all materials, labour complete as per specifications. Specification NO KBS 4.6.2 Page No. 16/ Item No. 4.34/ PWD SR 2016-17	Sqm	122.38	271.36	33209.04	122.38	271.36	33209.04	122.38	271.36	33209.04	122.38	271.36	33209.04	0.00	271.36	0.00	33209.04	0.00	0.00	
10	KSRB 4-1.7 Providing and laying in position plain cement concrete of mix 1:3:6 withOPC cement @ 220kgs, with 20mm and down size graded granite metal coarse aggregates @0.84cum and fine aggregates @0.56cum machine mixed, concrete laid in layers not exceeding 15cms, thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1.4.2/P No. 13/ Item No. 4.7/ PWD SR 2016-17	cum	34.04	5598.92	190587.24	34.04	5598.92	190587.24	50.28	5598.92	281513.70	42.55	5598.92	238234.05	7.73	5598.92	43279.65	281513.70	90926.46		

	5.1 Providing Flush pointing to dressed stone masonry with cement mortar 1:3, 10mm deep, after raking joints to depth of 20mm nicely lining, including cost of materials, labour curing complete as per specifications. Page No. 109/ Item No. 15.1/ PWD SR 2016-17	Sqm	104.00	102.82	10693.28	104.00	102.82	10693.28	104.00	102.82	10693.28	104.00	102.82	10693.28	0.00	102.82	0.00	10693.28	0.00	0.00				
12	KSRB 4.0.2 Providing and laying in position plain cement concrete of mix M20 withOPC cement @ 320kgs, with 20mm and down size graded granite metal coarse aggregates @0.876cum and fine aggregates @0.459cum with superplasticisre @ 3lts conforming to IS9103-1999Reffirmed machine mixed exceeding 15cms thick, vibrated for all works in foundation plinth and ground floor level for roof slabs, staircase, lintels, retaining walls, return walls, walls(any thickness) including attached plasters, columns, piers, abutments, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window cills, fillets etc, including cost of all materials, labour HOM of machinery, curing, complete as per specifications. Specification No. KBS 4.1.4.6, No. KBS	Cum	39.47	6371.66	251489.42	39.47	6371.66	251489.42	39.47	6371.66	251489.42	39.47	6371.66	251489.42	0.00	6371.66	0.00	251489.42	0.00	0.00				
13	KSRB 4.9.2 providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost pf materials, labour, HOM of machinery complete as per specifications Specification No. KBS 4.6.3 Page No. 17/ Item No. 4.46.3/ PWD SR 2016-17	Qtl	3.08	59413.00	182992.04	3.08	59413.00	182992.04	3.75	59413.00	222798.75	3.75	59413.00	222798.75	0.00	59413.00	0.00	222798.75	39806.71						
14	KSRB 5-14 Providing and constructing precast concrete solid blocks with compressive strength not les than 35 Kg/sqm with cement mortar 1:4 masonry (quoin, Jamb, closer blocks) with solid concrete blocks of size 40x20x20 cms conforming to I.S. 2185/1965 in superstructure including cost of materials, labour charges, scaffolding, curing complete as per specifications. Page No. 24/ Item No. 5.27/ PWD SR 2016-17	Sqm	348.00	993.22	345640.56	348.00	993.22	345640.56	337.60	993.22	335311.07	337.60	993.22	335311.07	0.00	993.22	0.00	335311.07		10329.49				
15	Precast slab 20mm and down size for slab (including steel reinforcement) including centring and shuttering machine mixed concrete laid in layers not exceeding 15cms thick well compacted cost of all materials labour HOM of machineries curing complete as per specifications c.c 1:1.5:3 Including all cost of Matirial (DATA RATE ENCLOSED) 10cm thick RCC pre cast slab	Sqm	783.00	1856.67	1453772.61	783.00	1856.67	1453772.61	735.00	1856.67	1364652.45	735.00	1856.67	1364652.45	0.00	1856.67	0.00	1364652.45		89120.16				
16	Lead for Disposal of Debris shall be payable at carage rates by Mechanical means inlcuding loading and unloading From 0.00 to 2.00 Km (Page No 123	Cum	410.13	73.12	29988.71	410.13	73.12	29988.71	353.71	73.12	25863.28	353.71	73.12	25863.28	0.00	73.12	0.00	25863.28		4125.43				
	Extra Items																							
17	5.29(b) Providing and fixing pre cast solid cement concrete kerb stones made out of C.C 1:2:4 with top and bottom width 114 and 165mm repectively, 400mm high and 450mm in length finished with CM 1:3 plastering and finishing cutting, including formwork curing, including, cost of all materials, labour hire charges of machinery, loading unloading, lead and lift, transportation etc, complete. Page No. 25/ Item No. 5.30/ PWD SR 2016-17	Sqm							244.44	331.78	81100.30		331.78	0.00	244.44	331.78	81100.30	81100.30	81100.30					
18	KSRB 15-17.5 Applying priming coat over new wood surface and / or wood based surface preparing the surface after thoroughly cleaning oil, grease, dirt, and foreign matter, sand papering and knotting ready mix paint including cost of materials, labour, complete as per specifications. Page No. 118/ Item No. 15.59 / PWD SR 2016-17	Sqm							33.00	43.46	1434.18		43.46	0.00	33.00	43.46	1434.18	1434.18	1434.18					

	15.13 Providing FLush pointing to dressed stone masonry with cement mortar 1:3, 20mm deep, after raking joints to depth of 20mm nicely lining, including cost of materials, labour, curing complete as per specifications. Page No. 109/ Item No. 15.1/ PWD SR 2016-17	Sqm	104.00	102.82	10693.28	104.00	102.82	10693.28	104.00	102.82	10693.28	104.00	102.82	10693.28	0.00	102.82	0.00	10693.28	0.00			
12	KSRB 4.2.2 Providing and laying in position plain cement concrete of mix M20 withOPC cement @ 320kgs, with 20mm and down size graded granite metal coarse aggregates @0.878cum and fine aggregates @0.459cum with superplastesisre @ 3lts conforming to IS9103-1999Reffirmed machine mixed exceeding 15cms thick, vibrated for all works in foundation plinth and ground floor level for roof slabs, staircase, lintels, retaining walls, return walls, walls(any thickness) including attached plasters, columns, piers, abutments, pillars, posts, struts, bullresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window cills, fillets etc, including cost of all materials, labour HOM of machinery, curing, complete as per specifications. Specification No. KBS 4.1.4.6, No. KBS	Cum	39.47	6371.66	251489.42	39.47	6371.66	251489.42	39.47	6371.66	251489.42	39.47	6371.66	251489.42	0.00	6371.66	0.00	251489.42	0.00	0.00		
13	KSRB 4.9.2 providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost pf materials, labour, HOM of machinery complete as per specifications.Specification No. KBS 4.6.3 Page No. 17/ Item No. 4.46.2/ PWD SR 2016-17	Qtl	3.08	59413.00	182992.04	3.08	59413.00	182992.04	3.75	59413.00	222798.75	3.75	59413.00	222798.75	0.00	59413.00	0.00	222798.75	39806.71			
14	KSRB 5-14 Providing and constructing precast concrete solid blocks with compressive strength not les than 35 Kg/sqm with cement mortar 1:4 masonry (quoin, Jamb, closer blocks) with solid concrete blocks of size 40x20x20 cms conforming to I.S. 2185/1965 in superstructure including cost of materials, labour charges, scaffolding, curing complete as per specifications. Page No. 24/ Item No. 5.27/ PWD SR 2016-17	Sqm	348.00	993.22	345640.56	348.00	993.22	345640.56	337.60	993.22	335311.07	337.60	993.22	335311.07	0.00	993.22	0.00	335311.07		10329.49		
15	Precast slab 20mm and down size for slab (including steel reinforcement) including centring and shuttering machine mixed concrete laid in layers not exceeding 15cms thick well compacted cost of all materials labour HOM of machineries curing complete as per specifications c:c 1:1.5:3 Including all cost of Matirial (DATA RATE ENCLOSED) 10cm thick RCC pre cast slab	Sqm	783.00	1856.67	1453772.61	783.00	1856.67	1453772.61	735.00	1856.67	1364652.45	735.00	1856.67	1364652.45	0.00	1856.67	0.00	1364652.45		85120.16		
16	Lead for Disposal of Debris shall be payable at carage rates by Mechanical means inlcuding loading and unloading. From 0.00 to 2.00 Km (Page No 123.	Cum	410.13	73.12	29988.71	410.13	73.12	29988.71	353.71	73.12	25863.28	353.71	73.12	25863.28	0.00	73.12	0.00	25863.28		4125.43		
	Extra Items																					
17	5.29(b) Providing and fixing pre cast solid cement concrete kerb stones made out of C.C 1:2:4 with top and bottom width 114 and 165mm repectively, 400mm high and 450mm in length finished with CM 1:3 plastering and finishing cutting, including formwork curing, including, cost of all materials, labour hire charges of machinery, loading unloading, lead and lift, transportation etc. complete Page No. 25/ Item No. 5.30/ PWD SR 2016-17	Sqm							244.44	331.78	81100.30		331.78	0.00	244.44	331.78	81100.30	81100.30	81100.30			
18	KSRB 15-17.5: Applying priming coat over new wood surface and / or wood based surface preparing the surface after thoroughly cleaning oil, grease, dirt, and foreign matter, sand papering and knotting ready mix paint including cost of materials, labour complete as per specifications. Page No. 118/ Item No. 15.59 / PWD SR 2016-17	Sqm							33.00	43.46	1434.18		43.46	0.00	33.00	43.46	1434.18	1434.18	1434.18			

17.6	Providing and applying painting materials (excluding priming coat) on new plaster surface and / or wood based surface with approved paint to give an even shade, cleaning the surface of all dirt, dust and foreign matter, sand papering including cost of materials, labour, complete as per specifications.Page No 119/ Item No. 15.60.1 / PWD SR 2016-17	Sqm						33.00	89.04	2938.32		89.04	0.00	33.00	89.04	2938.32	2938.32	2938.32		
					3659810.62			3659810.62			3659057.59					1360902.8	3659057.59	293365.02	294118.96	
2	For 8% KRIDL Charges applicabe GST				292784.85			292784.85			292724.61					117047.22	292724.61	23469.20	23529.44	
31	For 1% Labour Charges				36598.11			36598.11			36590.58					13380.90	36590.58	2933.65	2941.18	
	Total				3989193.57			3989193.57			3988372.77					1504518.41	3988372.77	319767.87	320589.57	
																			830.81

Assistant Executive Engineer
Byatarayanapura Sub Division

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ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ
ಬೆಂಗಳೂರು-26

Executive Engineer
Byatarayanapura Division
10/12

EIRL

Name of Work for :- Modified Estimate for Improvements of Drains and Construction of Culverts in Hegadenagara Eastren 2nd Main and Both side Cross Road in Ward No. 06 Byatarayanapura Sub Division

Administratively Approved No: AS/JC(YNK)/19-16-17, Date. 18.04.2017

WORK ORDER NO: BBMP/EE/BTP/WO40/2017-18 Date: 20.04.2018

CODE NO: 006-17-000036

Sl. No.	Description of work	Unit	Approx Qty	Rate	Amount	Whether the item are alternative to the item in tender or whether they are additional items for the same items in the acceptage such items should be mentioned	Whether extra item included in the sanctioned estimate	How the extra cost of the item is proposed to be met	Whether extra item included in SR if so ref. to SR to be given if not DATA rates should accompany this rate list	Remarks
E1	5.29(b) Providing and fixing pre cast solid cement concrete kerb stones made out of C.C 1:2:4 with top and bottom width 114 and 165mm repectively, 400mm high and 450mm in length finished with CM 1:3 plastering and finishing cutting, including formwork curing, including, cost of all materials, labour hire charges of machinery, loading unloading, lead and lift, transportation etc, complete. Page No. 25/ Item No. 5.29/ PWD SR 2016-17	Sqm	244.44	331.78	81100.30	Extra Item	NO	From the over all Sanction of the estimate	SR 16-17	-
E2	KSRB 15-17.5: Applying **priming coat** over new wood surface and / or wood based surface preparing the surface after thoroughly cleaning oil, grease, dirt, and foreign matter, sand papering and knotting ready mix paint including cost of materials, labour, complete as per specifications. Page No. 118/ Item No. 15.59 / PWD SR	Sqm	33.00	43.46	1434.18	Extra Item	NO	From the over all Sanction of the estimate	SR 16-17	

E3	KSRB 15-17.6 Providing and applying painting two coats (excluding priming coat) on new wood surface and / or wood based surface with **enamel paint** to give an even shade, cleaning the surface of all dirt, dust and foreign matter, sand papering including cost of materials, labour, complete as per specifications.Page No. 119/ Item No. 15.60.1 / PWD SR	Sqm	33.00	89.04	2938.32	Extra Item	NO	From the over all Sanction of the estimate	SR 16-17	
	Total		33.00	89.04	85472.80					

EIRL % = $\frac{85472.80}{4000000.00} \times 100.00 = 2.14$ Percentage of Original Sanctioned Estimate.

Asst.Engineer,
Ward-06

Asst.Executive Engineer
Byatarayanapura Sub-Division
Bruhat Bengaluru Mahanagara Palike

Executive Engineer,
Byatarayanapura Division
Bruhat Bengaluru Mahanagara Palike
10/12